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BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
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AFRICAN HORSE SICKNESS

JANSEN, B.C.

Past, current and future control of epizootic diseases in South Africa.

Trop. Anim. Health Prod. 1(2):96-102, 1969.

PIL

JOUBERT, L., and OUDAR, J.

Arboviral zoonoses: their presence in France.

Rev. Med. Vet.(Toulouse) 120:737-764, 1969 (F.).

Vet. Bull. 40(3):191-192(1105), 1970.

PIL

OZAWA, Y., and DARDIRI, A.H.

Transmission of African horse-sickness in mice..

Arch. Gesamte Virusforsch. 29(4):331-336, 1970.

PIL

POLSON, A., and STANNARD, L.

Concentration of viruses at low rotor velocities.

Virology 40(4):781-791, 1970.

PIL

SCHINDLER, R., and others.*

Some veterinary aspects of the utilisation of African game animals.

Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.

*R. Sachs, P.J. Hilton, and R.M. Watson.

PIL

AFRICAN SWINE FEVER

BATIS, J., and ZELEZNIK, Z.

Culture of leucocytes in the diagnosis of African swine fever.

Zborn. Bioteh. Fak. Univ. Ljubljana 6(1):85-93, 1969(Gr.e.).

Index Vet. 37(3):16, 1969, publ. 1970.

PIL

BOULANGER, P.

Fluorescent antibody technique enables rapid detection of exotic diseases.

Can. Agr., p. , Winter 1970.

News Lett.(Can.Dep.Agr.Health Anim. Br., Ottawa)

p. 11-12, March-May 1970.

CIRC.FILE

COELHO, M.A.T.

Studies on African swine fever in Angola.

Rev. Cienc. Vet., Ser. A, Lourenco Marques

1:247-257, 1968 (Por.e.f.).

Vet. Bull. 40(3):195(1130), 1970.

PIL

COLGROVE, G.S.

Diagnosis of African swine fever by fluorescent antibody staining of blood films and buffy coat smears.

Bull. Epizoot. Dis. Afr. 17(1):39-44, 1969.

PIL

HEUSCHELE, W.P., and COGGINS, L.

Epizootiology of African swine fever virus in warthogs.

Bull. Epizoot. Dis. Afr. 17(2):179-183, 1969.

PIL

JANSEN, B.C.

Past, current and future control of epizootic diseases in South Africa.

Trop. Anim. Health Prod. 1(2):96-102, 1969.

PIL

PAN, I.-C., DeBOER, C.J., and HEUSCHELE, W.P.

Immune response of swine to African swine fever infection.

J. Amer. Vet. Med. Ass. 156(9):1238-1239(120), 1970.

PIL

RUIZ, R.

Some aspects of classical swine fever and African swine fever.

An. Serv. Vet. Ind. Anim., Mozambique 15:317-327,

1967, publ. 1969 (Por.).

Index Vet. 37(3):182, 1969, publ. 1970.

PIL

SCHINDLER, R., and others.*

Some veterinary aspects of the utilisation of African game animals.

Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.

*R. Sachs, P.J. Hilton, and R.M. Watson.

PIL

SIDOROV, M.A.

Resistance of African swine fever virus to various temperatures.

Byull. Vses. Inst. Eksp. Vet. No. 4:16-18, 1968 (R.).

Vet. Bull. 40(3):195(1131), 1970.

PIL

CAPRINE PLEUROPNEUMONIA

BARBER, T.L., and YEDLOUTSCHNIG, R.J.

Mycoplasma infections of goats.

Cornell Vet. 60(2):297-308, 1970.

PIL

BESE, M.

Studies on the viability of Mycoplasma capri.

Vet. Fak. Derg. Ankara Univ. 15:324-331, 1968, publ. 1969 (T.e.).

Vet. Bull. 40(3):177(1005), 1970.

PIL

CHERRY, J.D., and TAYLOR-ROBINSON, D.

Large-quantity production of chicken embryo tracheal organ cultures and use in virus and mycoplasma studies.

Appl. Microbiol. 19(4):658-662, 1970.

PIL

KARST, O.

Identification of Mycoplasma mycoides varias mycoides colonies by immunofluorescence.

Bull. Epizoot. Dis. Afr. 17(3):287-293, 1969.

PIL

LINDLEY, E.P., and ABDULLA, A.E.D.

Some notes on the host specificity of the etiological agents of contagious caprine pleuropneumonia and contagious bovine pleuropneumonia.

Bull. Epizoot. Dis. Afr. 17(2):153-158, 1969.

PIL

RAZIN, S., and TULLY, J.G.

Cholesterol requirement of mycoplasmas.

J. Bacteriol. 102(2):306-310, 1970.

PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

BARBER, T.L., and YEDLOUTSCHNIG, R.J.

Mycoplasma infections of goats.

Cornell Vet. 60(2):287-308, 1970.

PIL

JANSEN, B.C.

Recent developments in veterinary science of importance to the practitioner in South Africa.

J. S. Afr. Vet. Med. Ass. 40(4):345-349, 1969.

PIL

KARST, O.

Identification of Mycoplasma mycoides varias mycoides colonies by immunofluorescence.

Bull. Epizoot. Dis. Afr. 17(3):287-293, 1969.

PIL

CONTAGIOUS ECTHYMA OF SHEEP

CASTRUCCI, G., and others.*

Characteristics of a paravaccinia virus from cattle.

Arch. Gesamte Virusforsch. 29(4):315-330, 1970.

*D.G. McKercher, V. Cilli, G. Arancia, and C. Nazionali.

PIL

WANDERA, J.G.

Reflections on sheep diseases in Kenya.

Bull. Epizoot. Dis. Afr. 17(1):121-126, 1969.

PIL

** ATANG, P.G.

Review and progress on Joint Project (J.P.) 16.

Research on contagious bovine pleuropneumonia (C.B.P.P.).

Bull. Epizoot. Dis. Afr. 17(3):301-303, 1969.

PIL

BABIKER, H.A.S.

Effects of deep-freezing with subsequent incubation on a contagious bovine pleuropneumonia wet culture vaccine.

Bull. Epizoot. Dis. Afr. 17(4):375-382, 1969.

PIL

BARBER, T.L., and YEDLOUTSCHNIG, R.J.

Mycoplasma infections of goats.

Cornell Vet. 60(2):297-308, 1970.

PIL

BUTTERY, S.H.

Hapten inhibition of the reaction between Mycoplasma mycoides polysaccharide and bovine antisera.

Immunochemistry 7(3):305-310, 1970.

PIL

COELHO, M.A.T., and DUARTE, V.M.S.

Some aspects of contagious bovine pleuropneumonia in Angola.

Rev. Cienc. Vet., Ser. A, Lourenco Marques

1:195-201, 1968 (Por.e.f.).

Vet. Bull. 40(3):177(1004), 1970.

PIL

** DAVIES, G., and GILBERT, F.R.

Contagious bovine pleuropneumonia vaccination in East Africa.

Bull. Epizoot. Dis. Afr. 17(1):21-26, 1969.

PIL

JANSEN, B.C.

Recent developments in veterinary science of importance to the practitioner in South Africa.

J. S. Afr. Vet. Med. Ass. 40(4):345-349, 1969.

PIL

KARST, O.

Identification of Mycoplasma mycoides varias mycoides colonies by immunofluorescence.

Bull. Epizoot. Dis. Afr. 17(3):287-293, 1969.

PIL

LINDLEY, E.P., and ABDULLA, A.E.D.

Some notes on the host specificity of the etiological agents of contagious caprine pleuropneumonia and contagious bovine pleuropneumonia.

Bull. Epizoot. Dis. Afr. 17(2):153-158, 1969.

PIL

LLOYD, L.C.

Subcutaneous lesions induced in rabbits by Mycoplasma mycoides.

J. Comp. Pathol. 80(2):195-209, 1970.

PIL

MOHAN, R.N., and GOTTS, M.G.

Diseases and parasites of the African buffalo (Syncerus caffer).

--A review article.

Vet. Bull. 40(3):157-165, 1970.

PIL

** Note: Appeared in June 1969 Monthly Bibliography...

MUSTAFA, A.A., and DALEEL, E.E.

Studies on the cause of contagious bovine pleuropneumonia
"F" strain wet culture vaccine untoward reactions.
Bull. Epizoot. Dis. Afr. 17(3):295-299, 1969.

PIL

PROVOST, A.

Principes de production d'un vaccin mixte associe
antibovipestique-antiperipneumonique inocule
en un seul temps.

English summary, p. 10.
Bull. Epizoot. Dis. Afr. 17(1):7-10, 1969.

PIL

STAAK, C.

Problems in the diagnosis and control of contagious
bovine pleuropneumonia.

Tierärztl. Umsch. 24:267-270 and 273, 1969 (G.).
Index Vet. 37(3):199, 1969, publ. 1970.

PIL

STONE, S.S.

Comparison of bovine serum and colostral antibody: effect
of colostral antibody on vaccination of calves
for contagious bovine pleuropneumonia.

Immunology 18(3):369-377, 1970.

PIL

DUCK PLAGUE

ANON.

USDA honors cooperators in duck disease eradication program.
Fed. Vet. 27(2):7-8, 1970.

PIL

LEIBOVITZ, L.

Duck plague (duck virus enteritis).

J. Amer. Vet. Med. Ass. 156(9):1276-1277(206), 1970.

PIL

EAST COAST FEVER

BRANAGAN, D.

The maintenance of Theileria parva infections by means of
the ixodid tick, Rhipicephalus appendiculatus.

Trop. Anim. Health Prod. 1(2):119-130, 1969.

PIL

BWANGAMOI, O.

A survey of skin diseases of domesticated animals and defects
which down-grade hides and skins in East Africa. I. Cattle.

Bull. Epizoot. Dis. Afr. 17(2):185-195, 1969.

PIL

DE KOCK, G.

Studies on the lesions and pathogenesis of East Coast fever
(Theileria parva infection) in cattle, with special
reference to the lymphoid tissue.

Onderstepoort J. Vet. Res. 27(3):431-452, 1957.

PIL

GADIR, F.A., HIDALGO, R.J., and KUTTLER, K.I.

Production of complement-fixation test antigen for serodiagnosis of theileriasis in white-tailed deer (Odocoileus virginianus).

Amer. J. Vet. Res. 31(5):879-885, 1970.

PIL

INTERNATIONAL BIOMETEOROLOGICAL CONGRESS, 5th. Study

Group No. 7, Montreux, Switzerland, 1969.

Weather, climate and animal disease.

Trop. Anim. Health Prod. 1(2):131-133, 1969.

PIL

JANSEN, B.C.

Past, current and future control of epizootic diseases in South Africa.

Trop. Anim. Health Prod. 1(2):96-102, 1969.

PIL

MCHINJA, S.J.

Preliminary laboratory tests on the effects of herbicides on ixodid ticks.

Bull. Epizoot. Dis. Afr. 17(4):447-451, 1969.

PIL

MOHAN, R.N., and GOTTS, M.G.

Diseases and parasites of the African buffalo (Syncerus caffer).

--A review article.

Vet. Bull. 40(3):157-165, 1970.

PIL

ROETS, G.C.S.

Pigment metabolism II.-Determinations of bilirubin and carotinoids in the plasma and of coproporphyrin in the urine and faeces of cattle experimentally infected with Theileria parva.

Onderstepoort J. Vet. Sci. Anim. Ind. 18(1-2):297-303, 1943.

PIL

SCHINDLER, R., and others.*

Some veterinary aspects of the utilisation of African game animals.

Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.

*R. Sachs, P.J. Hilton, and R.M. Watson.

PIL

EPHEMERAL FEVER

AKHTAR, A.S., ALI, R., and HUSSAIN, S.

Clinical pathology and transmission of ephemeral fever (in buffaloes).

Proc. 18th/19th Pak. Sci. Conf. Jamshoro 1967, Part III, p. G-25, 1967.

Index Vet. 37(3):4, 1969, publ. 1970.

PIL

AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION.

Ephemeral fever.

Rural Res. in CSIRO 68:2-4, 1969.

CIRC.FILE

EPHEMERAL FEVER

-105-

BASSON, P.A., PIENAAR, J.G., and WESTHUIZEN, B. van der
The pathology of ephemeral fever: a study of the
experimental disease in cattle.
J. S. Afr. Vet. Med. Ass. 40(4):385-397, 1969.

PIL

FOOT-AND-MOUTH DISEASE

ASCIONE, R., and ARLINGHAUS, R.B.
Characterization and cell-free activity of polyribosomes
isolated from baby hamster kidney cells.
Biochim. Biophys. Acta 204(2):478-488, 1970.

PIL

AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH
ORGANIZATION.
Anticipating foot and mouth disease.
Rural Res. in CSIRO 68:9-11, 1969.

CIRC.FILE

BROWN, F.
The foot and mouth virus.
Sci. J.(London) 4(2):32-36, 1968.
Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent)
7(5):52(217), 1968.

SF 793 W4

BROWN, F., and SMALE, C.J.
Demonstration of three specific sites on the surface of
foot-and-mouth disease virus by antibody complexing.
J. Gen. Virol. 7(2):115-127, 1970.

PIL

CANADA DEPARTMENT OF AGRICULTURE. INFORMATION DIVISION
FOR THE HEALTH OF ANIMALS BRANCH AND PLANT
PROTECTION DIVISION, Ottawa.
Agricultural inspection at airports.
Can. Agr., p. , Winter, 1970.
News Lett.(Can.Dep.Agr.Health Anim.Br., Ottawa)
p. 9-10, March-May 1970.

CIRC.FILE

COOPER, D.M.
Poultry: principles of disease control. I. Production
of specified pathogen-free stock by management-
environment control.
Vet. Rec. 86(14):388-396, 1970.

PIL

COOPER, P.D., STANCEK, D., and SUMMERS, D.F.
Synthesis of double-stranded RNA by poliovirus
temperature-sensitive mutants.
Virology 40(4):971-977, 1970.

PIL

CORNWELL, H.J.C., WRIGHT, N.G., and McCUSKER, H.B.
Herpesvirus infection of pigeons. II. Experimental
infection of pigeons and chicks.
J. Comp. Pathol. 80(2):229-232, 1970.

PIL

DORMAN, A.E.

Permanent quarantines with particular reference to
the Near and Middle East.

Trop. Anim. Health Prod. 1(2):103-108, 1969.

PIL

EHRENFELD, E., MAIZEL, J.V., and SUMMERS, D.F.

Soluble RNA polymerase complex from poliovirus-
infected HeLa cells.

Virology 40(4):840-846, 1970.

PIL

GIZATULLIN, Kh.G., and GUMEROV, N.K.

Interference of viruses against foot-and-mouth disease.

--English translation.

Veterinariya(Moscow) 46(9):23-24, 1969.

#8395

GIZATULLINA, N.K.

Immune response of rabbits to introduction of hydroxylamine-
inactivated hoof-and-mouth virus.

Uch. Zap. Kazan. Vet. Inst. 102:104-107, 1969 (R.).

Chem. Abstr. 72(20):228(103704y), 1970.

PIL

GIZATULLINA, N.K., and KASANOVA, E.M.

Precipitating activity of hoof-and-mouth virus,
inactivated by hydroxylamine.

Uch. Zap. Kazan. Vet. Inst. 102:55-58, 1969 (R.).

Chem. Abstr. 72(20):228(103703x), 1970.

PIL

THE GRASSLAND RESEARCH INSTITUTE.

Hurley, Maidenhead, Berkshire, England.

Annual report, 1968, ed. by A. Smith, 173 p., publ. 1969.

Biol. Abstr. 51(8):3959(40881), 1970.

PIL

GREAT BRITAIN.

Foot-and-mouth disease.

--Editorial.

Brit. Vet. J. 126(3):113-114, 1970.

PIL

GREAT BRITAIN. PARLIAMENT.

Foot-and-mouth disease.

["...concerning methods of controlling the
spread of..." and Compensation paid to livestock
owners during 1950-1969.]

Vet. Rec. 86(12):353, 1970.

PIL

GREAT BRITAIN. PARLIAMENT.

Foot-and-mouth disease vaccine.

["...the use of inactivated foot-and-mouth vaccine."]

Vet. Rec. 86(12):353, 1970.

PIL

- HEDGER, R.S.
Observations on the carrier state and related antibody titres during an outbreak of foot-and-mouth disease.
J. Hyg.(Camb.) 68(1):53-60, 1970. PII
- HENDERSON, W.M.
Foot-and-mouth disease: a definition of the problem and views on its solution.
Brit. Vet. J. 126(3):115-120, 1970. PII
- INTERNATIONAL BIOMETEOROLOGICAL CONGRESS. 5th. Study Group No. 7, Montreux, Switzerland, 1969.
Weather, climate and animal disease.
Trop. Anim. Health Prod. 1(2):131-133, 1969. PII
- JANSEN, B.C.
Past, current and future control of epizootic diseases in South Africa.
Trop. Anim. Health Prod. 1(2):96-102, 1969. PII
- JANSEN, B.C.
Recent developments in veterinary science of importance to the practitioner in South Africa.
J. S. Afr. Vet. Med. Ass. 40(4):345-349, 1969. PII
- KORSUN, L.L., and others.*
Therapeutic properties of whey from cows recovered from foot and mouth disease.
Veterinariya(Moscow) (5):41, 1969 (R.).
Index Vet. 37(3):115, 1969, publ. 1970.
*R.I. Pigur, S.F. Dolzhenitsyn, D.F. Nishcheta, and D.P. Kovalenko. PII
- KULESHOVA, L.A., and others.*
Verification of the activity of GOA formol-inactivated foot-and-mouth vaccine on baby mice.
--English translation.
Veterinariya(Moscow) 46(9):26-28, 1969.
*G.A. Kozlovskii, E.V. Sorvachev, M.P. Gorokhova, V.I. Murashkin, and Yu. I. Andryunin. #8396
- MARTIN, S.J., JOHNSTON, M.D., and CLEMENTS, J.B.
Purification and characterization of bovine enteroviruses.
J. Gen. Virol. 7(2):103-113, 1970. PII
- MATHEKA, H.D., and MUSSGAY, M.
Aktivierte Sepharose als Immunoabsorbens im Maul- und Klauenseuche-Virussystem.
Zentralbl. Bakteriол., Parasitenk., Infektionskr. Hyg. I. Abt. Orig. 212(2-4):430-435, 1970. PII

MOHAN, R.N., and GOTTS, M.G.

Diseases and parasites of the African buffalo (Syncerus caffer).

--A review article.

Vet. Bull. 40(3):157-165, 1970.

PIL

MOWAT, G.N.

Virus pneumonia in calves.

Vet. Rec. 86(14):415-416, 1970.

PIL

MURPHY, F.A., and others.*

Characterization of Nodamura virus, an arthropod transmissible picornavirus.

Virology 40(4):1008-1021, 1970.

*W.F. Scherer, A.K. Harrison, H.W. Dunne, and G.W. Gary, Jr.

PIL

PARAGUAY. SERVICIO NACIONAL DE LUCHA CONTRA LA FIEBRE AFTOSA (SENALFA).

Avances de la campana Nacional de Lucha contra la Fiebre Aftosa en el Paraguay. Asuncion, Paraguay, 17 p., 46 tables, 1969.

#8394

PARAGUAY. SERVICIO NACIONAL DE LUCHA CONTRA LA FIEBRE AFTOSA (SENALFA).

Paraguay signs agreement aimed at cutting foot-and-mouth disease.

Med. Trib. Med. News 11(28):2, 1970.

CIRC.FILE

POPESCU, I., and DANCEA, I.

The 1966 outbreak of foot and mouth disease in the Iasi region of Roumania.

Lucr. Stiint. Inst. Agron. Timisoara, Ser.

Med. Vet. 10:185-192, 1967, publ. 1968 (Rou.e.r.).

Vet. Bull. 40(3):187(1076), 1970.

PIL

RESPALDIZA UGARTE, E., and RESPALDIZA CARDENOSA, E.

Foot and mouth disease, a cause of allergy.

Suppl. Cient. Bol. Inf. Consejo Gen. Col. Vet.

Esp. No. 185:19-28, 1969 (Sp.e.f.g.).

Index Vet. 37(3):176, 1969, publ. 1970.

PIL

SCHINDLER, R., and others.*

Some veterinary aspects of the utilisation of African game animals.

Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.

PIL

*R. Sachs, P.J. Hilton, and R.M. Watson.

SCRABA, D.G., HOSTVEDT, P., and COLTER, J.S.

Physical and chemical studies of Mengo virus variants.

III. Absorbance-temperature profiles, sedimentation in dextran sulfate gradients, and total / infectious particle ratios.

Can. J. Biochem. 48(4):412-417, 1970.

PIL

SIMMS, M.J., comp.

Production of foot and mouth disease virus on baby hamster kidney cell culture; a review and bibliography, March 1970. Beckenham, Kent, Wellcome Research Laboratories, 11 p., 1970.

Foot and Mouth Dis. Bull., Suppl. No. 3.

#8288/B

STROHMAIER, K., and RECZKO, E.

Neue Ergebnisse zur Proteinstruktur des MKS-Virus.

Zentralbl. Bakteriол., Parasitenk., Infektionskr.

Hyg. I. Abt. Orig. 212(2-4):435-442, 1970.

PIL

SUHR-RASMUSSEN, E.

Foot and mouth disease in a man.

Medlemsbl. Danske Dyrlaegeforen. 52:498-501, 1969(Da.).

Index Vet. 37(3):175, 1969, publ. 1970.

PIL

SWARBRICK, O.

Virus pneumonia in calves.

Vet. Rec. 86(12):355, 1970.

PIL

TSYMBAL, V.I.

Immunity in cattle recovered from foot and mouth disease.

Veterinariya(Moscow) 46(9):25-26, 1969 (R.).

Vet. Bull. 40(3):188(1078), 1970.

PIL

TSYUNSKAYA, T.A.

Cytological changes in the lymph nodes of cattle affected by foot-and-mouth disease.

--English translation.

Veterinariya(Moscow) 46(9):105-106, 1969.

#8397

USHMAEV, N.L., and GUREEV, L.M.

Effectiveness of cattle vaccination against foot-and-mouth disease in the Krasnodar territory.

--English translation.

Veterinariya(Moscow) 46(9):32-33, 1969.

#8398

U.S.S.R.-ALL-UNION INSTITUTE FOR EXPERIMENTAL VETERINARY SCIENCE.

Problems of veterinary virology and the biochemistry of viruses and bacteria.

Byull. Vses. Inst. Eksp. Vet. No. 4, 94 p., 1968(R.).

Vet. Bull. 40(3):187(1075), 1970.

PIL

VANDE WOUDE, G.F., POLATNICK, J., and ASCIONE, R.

Foot-and-mouth disease virus-induced alterations of baby hamster kidney cell macromolecular biosynthesis: inhibition of ribonucleic acid methylation and stimulation of ribonucleic acid synthesis.

J. Virol. 5(4):458-463, 1970.

PIL

VOHRADSKY, F.

Clinical course and physical changes of blood in
foot-and-mouth S.A.T.² type infection in cattle.
Bull. Epizoot. Dis. Afr. 17(1):27-38, 1969.

PIL

WANDERA, J.G.

Reflections on sheep diseases in Kenya.
Bull. Epizoot. Dis. Afr. 17(1):121-126, 1969.

PIL

WISNIEWSKI, J., and JANKOWSKA, J.

Bezobjawowe zakażenie ludzi wirusem pryszczycy.
(Asymptomatic infection with foot and mouth
disease in man.)

Przegl. Epidemiol. 23(2):263-267, 1969.

Excerpta Med., Microbiol., Sect. 4 23(3):131(685), 1970.

PIL

FOWL PLAGUE

BARRY, R.D., and DAVIES, P.

The effects of UK2054 on the multiplication of
influenza viruses.

J. Hyg.(Camb.) 68(1):151-158, 1970.

PIL

DRZENIEK, R., and GAUHE, A.

Differences in substrate specificity of myxovirus
neuraminidases.

Biochem. Biophys. Res. Commun. 38(4):651-656, 1970.

PIL

ESKAROUS, J.K., and TOLBA, M.K.

Position of fowl plague virus on fowl and horse
red cell receptor gradients.

J. Microbiol. U.A.R. 1(2):213-225, 1966.

Biol. Abstr. 51(8):4390(45149), 1970.

PIL

HUANG, A.S., and BALTIMORE, D.

Defective viral particles and viral disease processes.

Nature(London) 226(5243):325-327, 1970.

PIL

MAHY, B.W.J., and LOCKWOOD, C.M.

Effects of phenethyl alcohol on influenza virus growth
and macromolecular synthesis in chick embryo cells.

Experientia 26(4):438-439, 1970.

PIL

SCHOLTISSEK, C., and ROTT, R.

Synthesis in vivo of influenza virus plus and minus
strand RNA and its preferential inhibition by
antibiotics.

Virology 40(4):989-996, 1970.

PIL

GOAT POX

-111-

BWANGAMOI, O.

A survey of skin diseases of domestic animals and defects which down-grade hides and skins in East Africa. II. Goats.
Bull. Epizoot. Dis. Afr. 17(2):197-203, 1969.

PIL

LOUPING ILL

JOUBERT, L., and OUDAR, J.

Arboviral zoonoses: their presence in France.
Rev. Med. Vet.(Toulouse) 120:757-764, 1969 (F.).
Vet. Bull. 40(3):191-192(1105), 1970.

PIL

LUMPY SKIN DISEASE

BWANGAMOI, O.

Dermatitis in cattle caused by Onchocerca ochengi Bwangamoi, 1969, and the effect of the adult filaria on the finished leather.
Bull. Epizoot. Dis. Afr. 17(4):439-445, 1969.

PIL

BWANGAMOI, O.

A survey of skin diseases of domesticated animals and defects which down-grade hides and skins in East Africa. I. Cattle.
Bull. Epizoot. Dis. Afr. 17(2):185-195, 1969.

PIL

JANSEN, B.C.

Past, current and future control of epizootic diseases in South Africa.
Trop. Anim. Health Prod. 1(2):91-102, 1969.

PIL

NAIROBI SHEEP DISEASE

MCHINJA, S.J.

Preliminary laboratory tests on the effects of herbicides on ixodid ticks.
Bull. Epizoot. Dis. Afr. 17(4):447-451, 1969.

PIL

WANDERA, J.G.

Reflections on sheep diseases in Kenya.
Bull. Epizoot. Dis. Afr. 17(1):121-126, 1969.

PIL

RIFT VALLEY FEVER

HUANG, A.S., and BALTIMORE, D.

Defective viral particles and viral disease processes.
Nature(London) 226(5243):325-327, 1970.

PIL

INTERNATIONAL BIOMETEOROLOGICAL CONGRESS. 5th. Study

Group No. 7, Montreux, Switzerland, 1969.

Weather, climate and animal disease

Trop. Anim. Health Prod. 1(2):131-133, 1969.

PIL

MOHAN, R.N., and GOTTS, M.G.

Diseases and parasites of the African buffalo (Syncerus caffer).

--A review article.

Vet. Bull. 40(3):157-165, 1970.

PIL

POLSON, A., and STANNARD, L.

Concentration of viruses at low rotor velocities.

Virology 40(4):781-791, 1970.

PIL

SCHINDLER, R., and others.*

Some veterinary aspects of the utilisation of African game animals.

Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.

*R. Sachs, P.J. Hilton, and R.M. Watson.

PIL

WANDERA, J.G.

Reflections on sheep diseases in Kenya.

Bull. Epizoot. Dis. Afr. 17(1):121-126, 1969.

PIL

RINDERPEST

ANON.

The Sixth All India Rinderpest Officers Conference.

--Editorial.

Rinderpest News Bull. 11(4):1-2, 1969.

CIRC.FILE

ATANG, P.G., and PLOWRIGHT, W.

Extension of the JP-15 rinderpest control campaign to eastern Africa: the epizootiological background.

Bull. Epizoot. Dis. Afr. 17(2):161-170, 1969.

PIL

BWANGAMOI, O.

A survey of skin diseases of domesticated animals and defects which down-grade hides and skins in East Africa. I. Cattle.

Bull. Epizoot. Dis. Afr. 17(2):185-195, 1969.

PIL

CHAWLA, S.K.

Immunological response to tissue culture rinderpest vaccine in exotic and crossbred animals.

Rinderpest News Bull. 11(4):16-20, 1969.

CIRC.FILE

DORMAN, A.E.

Permanent quarantines with particular reference to the Near and Middle East.

Trop. Anim. Health Prod. 1(2):103-108, 1969.

PIL

INTERNATIONAL BIOMETEOROLOGICAL CONGRESS. 5th. Study

Group No. 7, Montreux, Switzerland, 1969.

Weather, climate and animal disease.

Trop. Anim. Health Prod. 1(2):131-133, 1969.

PIL

- JANSEN, B.C.
Past, current and future control of epizootic diseases
in South Africa.
Trop. Anim. Health Prod. 1(2):96-102, 1969. PIL
- MOHAN, R.N., and GOTTS, M.G.
Diseases and parasites of the African buffalo (Syncerus caffer).
--A review article.
Vet. Bull. 40(3):157-165, 1970. PIL
- MOWAT, G.N.
Virus pneumonia in calves.
Vet. Rec. 86(14):415-416, 1970. PIL
- PROVOST, A.
Principes de production d'un vaccin mixte associe
antibovipestique-antiperipneumonique inocule
en un seul temps.
English summary, p. 10.
Bull. Epizoot. Dis. Afr. 17(1):7-10, 1969. PIL
- PROVOST, A., and BORREDON, C.
Note sur la production du serum antibovipestique
precipitant. (Note on the production of hyperimmune
precipitating rinderpest antiserum.)
English summary, p. 160.
Bull. Epizoot. Dis. Afr. 17(2):159-160, 1969. PIL
- SCHINDLER, R., and others.*
Some veterinary aspects of the utilisation of African
game animals.
Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.
*R. Sachs, P.J. Hilton, and R.M. Watson. PIL
- SCOTT, G.R.
Historical records of rinderpest in sheep and goats
in East Africa.
Bull. Epizoot. Dis. Afr. 17(3):349(E.), 350(Fr.), 1969. PIL
- SEETHARAMAN, C.
Report to the Government of Nepal on the rinderpest
vaccination campaign.
Rome, Food Agr. Organ. UN, UN Develop. Program.
FAO Rep. No. TA 2727, 12 p., 1969. #8399
- SWARBRICK, O.
Virus pneumonia in calves.
Vet. Rec. 86(12):355, 1970. PIL

ANON.

Enigma of scrapie.

Nature(London) 222(5198):1031-1032, 1969.

PIL

FELSER, H., and DICKINSON, A.G.

Pathogenesis of scrapie in the mouse: the role of the spleen.

Nature(London) 226(5244):462-463, 1970.

PIL

GREAT BRITAIN. AGRICULTURAL RESEARCH COUNCIL.

INSTITUTE FOR RESEARCH ON ANIMAL DISEASES.

Compton, Near Newbury, Berkshire, England.

Report, 1967. Dorking, Surrey, 42 p., 1968.

#8393

JANSEN, B.C.,

Recent developments in veterinary science of importance to the practitioner in South Africa.

J. S. Afr. Vet. Med. Ass. 40(4):345-349, 1969.

PIL

U.S. AGRICULTURAL RESEARCH SERVICE. ANIMAL HEALTH DIVISION.

Scrapie outbreaks in the United States.

Letter insert received with Anim. Morb. Rep., 1/6/70.

#8127/19

SHEEP POX

BWANGAMOI, O.

A survey of skin diseases of domestic animals and defects which down-grade hides and skins in East Africa. II. Goats.

Bull. Epizoot. Dis. Afr. 17(2):197-203, 1969.

PIL

CASTRUCCI, G., and others.*

Characteristics of a paravaccinia virus from cattle.

Arch. Gesamte Virusforsch. 29(4):315-330, 1970.

*D.G. McKercher, V. Cilli, G. Arancia, and C. Nazionali.

PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

ANON.

Brote de encefalitis equina venezolana - Ecuador.

(Outbreak of Venezuelan equine encephalitis - Ecuador.)

English summary.

Informe Epidemiol. Semanal. 41: , 1969.

Zoonosis(Pan Amer. Zoonoses Center) 11(4):299, 1969.

CIRC.FILE

ANON.

Encefalitis transmitida por artropodos en Venezuela.

(Arthropod-borne encephalitis in Venezuela.)

English summary.

Informe Epidemiol. Semanal. 41: , 1969.

Zoonosis(Pan Amer. Zoonoses Center) 11(2):126, 1969.

CIRC.FILE

VENEZUELAN EQUINE ENCEPHALOMYELITIS

-115-

CORNWELL, H.J.C., WRIGHT, N.G., and McCUSKER, H.B.

Herpesvirus infection of pigeons. II. Experimental infection of pigeons and chicks.

J. Comp. Pathol. 80(2):229-232, 1970.

PIL

HORZINEK, M.

Immuno-electrophoretic separation of Venezuelan equine encephalitis virus antigens. (Brief report)

Arch. Gesamte Virusforsch. 27(1):109-111, 1969.

PIL

HORZINEK, M., and MUNZ, K.

Structural constituents of Venezuelan equine encephalitis virus.

Arch. Gesamte Virusforsch. 27(1):94-108, 1969.

PIL

PRATHER, E.C., and others.*

Venezuelan equine encephalitis--Dade County, Florida.

Morb. Mortal. Wkly. Rep.(USDHEW) 17(45):414, 1968.

*E. Buff, M.S. Saslaw, N.J. Ehrenkranz, Laboratory Program, NCDC, and two EIS Officers.

CIRC.FILE

ZHDANOV, V.M., ERSHOV, F.I., and URYVAEV, L.V.

Sintez virusspetsificheskikh belkov v kletkakh, zarazhennykh virusom venesuel'skogo entsefalomielita loshadei. (Synthesis of virus-specific proteins in cells infected with Venezuelan equine encephalomyelitis virus.)

Dokl. Acad. Nauk. SSSR 187(3):667-669, 1969 (R.).

Biol. Abstr. 51(8):4391-4392(45167), 1970.

PIL

VESICULAR EXANTHEMA OF SWINE

WAWRZKIEWICZ, J.

Porcine vesicular exanthema. (Exanthema vesicularis suum.)

Med. Wet. 25:193-197, 1969 (Pol.).

Index Vet. 37(3):226, 1969, publ. 1970.

PIL

VESICULAR STOMATITIS

ANDREWES, C.H.

Generic names of viruses of vertebrates.

Virology 40(4):1070-1071, 1970.

PIL

CALISHER, C.H., and MANESS, K.S.C.

Arbovirus identification by an agar-gel diffusion technique.

Appl. Microbiol. 19(4):557-564, 1970.

PIL

CHOPPIN, P.W., and COMPANS, R.W.

Phenotypic mixing of envelope proteins of the parainfluenza virus SV5 and vesicular stomatitis virus.

J. Virol. 5(5):609-616, 1970.

PIL

- CHUMAKOV, M.P., SMIRNOVA, S.E., and TKACHENKO, E.A.
Relationship between strains of Crimean haemorrhagic
fever and Congro viruses.
Acta Virol. 14(1):82-85, 1970. PII
- DE CLERCQ, E., WELLS, R.D., and MERIGAN, T.C.
Increase in antiviral activity of polynucleotides
by thermal activation.
Nature(London) 226(5243):364-366, 1970. PII
- DUBOVI, E.J., and AKERS, T.G.
Airborne stability of tailless bacterial viruses
S-13 and MS-2.
Appl. Microbiol. 19(4):624-628, 1970. PII
- FIELD, A.K., and others.*
Inducers of interferon and host resistance, II. Multi-
stranded synthetic polynucleotide complexes.
Proc. Nat. Acad. Sci. U.S.A. 58(3):1004-1010, 1967.
*A.A. Tytell, G.P. Lampson, and M.R. Hilleman. PII
- FIELD, A.K., and others.*
Inducers of interferon and host resistance, V. In
vitro studies.
Proc. Nat. Acad. Sci. U.S.A. 61(1):340-346, 1968.
*A.A. Tytell, G.P. Lampson, and M.R. Hilleman. PII
- HEUSCHELE, W.P., and EASTERDAY, B.C.
Local immunity and persistence of virus in the tracheas
of chickens following infection with Newcastle
disease virus. I. Organ culture studies.
J. Infec. Dis. 121(5):486-496, 1970. PII
- HILL, D.A., BARON, S., and CHANOCK, R.M.
Sensitivity of common respiratory viruses to an
interferon inducer in human cells.
Lancet II(7613):187-188, 1969. PII
- HUANG, A.S., and BALTIMORE, D.
Defective viral particles and viral disease processes.
Nature(London) 226(5243):325-327, 1970. PII
- LAMPSON, G.P., and others.*
Inducers of interferon and host resistance, I. Double-
stranded RNA from extracts of Penicillium funiculosum.
Proc. Nat. Acad. Sci. U.S.A. 58(2):782-789, 1967.
*A.A. Tytell, A.K. Field, M.M. Nemes, and M.R. Hilleman. PII

VESICULAR STOMATITIS

LEVY-KOENIG, R.E., GOLGHER, R.R., and PAUCKER, K.
Immunology of interferons. II. Heterospecific
activities of human interferons and their
neutralization by antibody.
J. Immunol. 104(4):791-797, 1970.

LEVY-KOENIG, R.E., MUNDY, M.J., and PAUCKER, K.
Immunology of interferons. I. Immune response to
protective and nonprotective interferons.
J. Immunol. 104(4):785-790, 1970.

MATHEWS, J., and BUTHALA, D.A.
Centrifugal sedimentation of virus particles for
electron microscopic counting.
J. Virol. 5(5):598-603, 1970.

MOEHRING, J.M., and STINEBRING, W.R.
Examination of "species specificity" of avian interferons.
Nature(London) 226(5243):360-361, 1970.

PRINGLE, C.R.
Genetic characteristics of conditional lethal mutants
of vesicular stomatitis virus induced by
5-fluorouracil, 5-azacytidine, and ethyl methane
sulfonate.
J. Virol. 5(5):559-567, 1970.

ST. JOHN, R.C.
Genetic studies of the plaque mutants of vesicular
stomatitis virus.
Diss. Abstr. 29:3850-B, 1969.
Index Vet. 37(3):183, 1969, publ. 1970.

SIEWERS, C.M.F., JOHN, C.E., and MEDEARIS, D.N., Jr.
Sensitivity of human cell strains to interferon.
Proc. Soc. Exp. Biol. Med. 133(4):1178-1183, 1970.

STRECKFUSS, J.L.
A comparative study of the intracellular development
of vesicular stomatitis virus using fluorescent
antibody.
Diss. Abstr. 29:3850-B, 1969.
Index Vet. 37(3):202, 1969, publ. 1970.

TILLES, J.G.
Diethylaminoethyl-dextran enhancement of interferon
induction by a complexed polyribonucleotide.
Proc. Soc. Exp. Biol. Med. 133(4):1334-1341, 1970.

VESICULAR STOMATITIS

VITI, A., and others.*

The effect of neuraminidase on the rabbit urinary interferon.

Experientia 26(4):363-364, 1970.

*V. Bocci, M. Russi, and G. Rita.

PIL

WAGNER, R.R., SNYDER, R.M., and YAMAZAKI, S.

Proteins of vesicular stomatitis virus: kinetics and cellular sites of synthesis.

J. Virol. 5(5):548-558, 1970.

PIL

ZEE, Y.C., HACKETT, A.J., and TALENS, L.

Vesicular stomatitis virus maturation sites in six different host cells.

J. Gen. Virol. 7(2):95-102, 1970.

PIL

ZUDILINA, Z.F., and KRYUKOV, N.N.

Culture of guinea-pig bone marrow cells and their sensitivity to some viruses.

Byull. Vses. Inst. Eksp. Vet. No. 4:65-68, 1968 (R.).

Vet. Bull. 40(3):241-242(1455), 1970.

PIL

VISNA DISEASE

COWARD, J.E., HARTER, D.H., and MORGAN, C.

Electron microscopic observations of visna virus-infected cell cultures.

Virology 40(4):1030-1038, 1970.

PIL

WANDERA, J.G.

Progressive interstitial pneumonia (Maedi) of sheep in Kenya.

Vet. Rec. 86(15):434-438, 1970.

PIL

WESSELSBRON DISEASE

MOHAN, R.N., and GOTTS, M.G.

Diseases and parasites of the African buffalo (Syncerus caffer).

--A review article.

Vet. Bull. 40(3):157-165, 1970.

PIL

POLSON, A., and STANNARD, L.

Concentration of viruses at low rotor velocities.

Virology 40(4):781-791, 1970.

PIL

SCHINDLER, R., and others.*

Some veterinary aspects of the utilisation of African game animals.

Bull. Epizoot. Dis. Afr. 17(2):215-221, 1969.

*R. Sachs, P.J. Hilton, and R.M. Watson.

PIL

- ABDOU, N.I., and RICHTER, M.
Cells involved in the immune response. XIV. The immunologic response of irradiated rabbits given allogeneic bone marrow cells incubated with antigen and/or subjected to irradiation in vitro.
J. Immunol. 104(4):1009-1015, 1970. PII
- AFSHAR, A., and TADJBAKHS, H.
Occurrence of precipitating antibodies to bovine herpes virus (infectious bovine rhinotracheitis) in sera of farm animals and man in Iran.
J. Comp. Pathol. 80(2):307-310, 1970. PII
- ALLEN, A., and SNOW, C.
The effect of trypsin or ethylenediaminetetraacetate on the surface of cells in tissue culture.
Biochem. J. 117(2):32P, 1970. PII
- ANDREWS, E.J.
A modification of the contact tape diffusion chamber to accommodate cell suspensions.
Transplantation 9(2):178-181, 1970. PII
- ARIOLI, V., and ROSSI, E.
Errors related to different techniques of intraperitoneal injection in mice.
Appl. Microbiol. 19(4):704-705, 1970. PII
- ARNON, R., and NEURATH, H.
Immunochemical studies on bovine trypsin and trypsinogen derivatives.
Immunochemistry 7(3):241-250, 1970. PII
- BANKS, G.T., and others.*
Penicillium cyaneo-fulvum virus and interferon stimulation.
Nature(London) 223(5202):155-158, 1969. PII
*K.W. Buck, E.B. Chain, J.E. Darbyshire, and F. Himmelweit.
- BARILE, M.F., and HARDEGREE, M.C.
A cell culture assay to evaluate the toxicity of Arlacel A.
Proc. Soc. Exp. Biol. Med. 133(1):222-228, 1970. PII
- BECKER, E.L.
The relations of complement to the other systems.
Proc. Roy. Soc. London Ser. B Biol. Sci. 173(1032):383-392, 1969. PII

BOREK, F., and FABIAN, D.

The use of a cellulose-derived immunoadsorbent for the purification of guinea pig anti-trinitrophenyl antibody.

Immunochemistry 7(3):319-321, 1970.

PIL

BOSMAN, C., and FELDMAN, J.D.

Heterogeneity and homogeneity of immunoglobulin-forming cells.

Lab. Invest. 22(4):309-317, 1970.

PIL

BOYDE, T.R.C.

Device for eluting proteins from starch gel by freezing and thawing.

J. Clin. Pathol. 22:379, 1969.

Index Vet. 37(3):26, 1969, publ. 1970.

PIL

ERZOSKO, W.J., and others.*

Antigenic determinants on Australia-antigen particles.

Lancet I(7655):1058, 1970.

*K. Madalinski, K. Krawczynski, and A. Nowoslawski.

PIL

BULLOCK, W.W., and RITTENBERG, M.B.

Kinetics of in vitro initiated secondary anti-hapten response: induction of plaque-forming cells by soluble and particulate antigen.

Immunochemistry 7(3):310-314, 1970.

PIL

BUSSARD, A.E., and others.*

In vitro stimulation of antibody formation by peritoneal cells. II. Cell interactions and effects of immunochemical or metabolic inhibitors.

J. Exp. Med. 131(5):917-935, 1970.

*G.J.V. Nossal, J.C. Mazie, and H. Lewis.

PIL

CANTOR, H., ASOFSKY, R., and LEVY, H.B.

The effect of polyinosinic-polycytidylic acid upon graft-vs-host activity in BALB/c mice.

J. Immunol. 104(4):1035-1038, 1970.

PIL

CARITHERS, J.

A closer look at cells.

Iowa State Univ. Vet. 32(2):74-82, 1970.

PIL

CHERUBIN, C.E., HARGROVE, R.L., and PRINCE, A.M.

The serum hepatitis related antigen (SH) in illicit drug users.

Amer. J. Epidemiol. 91(5):510-517, 1970.

PIL

COHEN, S.

A model for the mechanism of antibody induction and tolerance, with specific attention to the affinity characteristics of antibodies produced during the immune response.

J. Theor. Biol. 27(1):19-29, 1970.

PIL

COOMBS, R.R.A., and others.*

Immunoglobulin determinants on the lymphocytes of normal rabbits. I. Demonstration by the mixed antiglobulin reaction of determinants recognized by anti- γ , anti- μ , anti-Fab and anti-allotype sera, anti-As $_4$ and anti-As $_6$.

Immunology 18(3):417-429, 1970.

*B.W. Gurner, C.A. Janeway, Jr., A.B. Wilson, P.G.H. Gell, and A.S. Kelus.

PIL

COONEY, M.K., and KENNY, G.E.

Immunogenicity of rhinoviruses.

Proc. Soc. Exp. Biol. Med. 133(2):645-650, 1970.

PIL

CORNWELL, H.J.C., and WRIGHT, N.G.

Herpesvirus infection of pigeons. I. Pathology and virus isolation.

J. Comp. Pathol. 80(2):221-227, 1970.

PIL

DANNER, K., and BACHMANN, P.A.

Vermehrung und Ausbreitung von Schweinepest-Virus, Stamm München-1, in PK 15-Zellkulturen.
(Multiplication and spread of swine fever virus strain Munich-1 in PK 15 cell cultures.)
English summary, p. 360.

Zentralbl. Veterinärmed., Reihe B 17(3):353-362, 1970.

PIL

DAVIS, T.R.A., and MEADE, K.M.

Biologically active antibodies to histamine.

Nature(London) 226(5243):360, 1970.

PIL

DIANZANI, F., and others.*

Studies of the induction of interferon system by nonreplicating Newcastle disease virus.

Proc. Soc. Exp. Biol. Med. 133(1):324-328, 1970.

*S. Gagnoni, C.E. Buckler, and S. Baron.

PIL

DIENER, E., and others.*

New methods to study the kinetics of the immune response.

Biochem. Pharmacol., Suppl. March:63-75, 1968.

Excerpta Med., Immunol., Sect. 26 4(2):60-61(328), 1970.

*W.D. Armstrong, W.A. Robinson, and J. Marbrook.

PIL

DORIA, G., and others.*

In vitro primary immune response resulting from the interaction between bone marrow-derived and thymus cells.

Experientia 26(4):410-411, 1970.

*M. Martinozzi, G. Agarossi, and S. Di Pietro.

PIL

DUFF, R., and RAPP, F.

Quantitative characteristics of the transformation of hamster cells by PARA (defective simian virus 40)-adenovirus 7.

J. Virol. 5(5):568-577, 1970.

PIL

ELSWORTH, R.

Multilayer perfusion tissue culture.

Process Biochem. 5(3):21-26, 1970.

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 9(4):83, 1970.

SF 793

EMMERLING, P., FINGER, H., and OFFENHAMMER, A.

Zur antigensparenden Funktion immunologischer Adjuvantien. (On the antigen-saving function of immunological adjuvants.)

English summary, p. 299.

Z. Immunitätsforsch. Allerg. Klin. Immunol. 139(3):290-300, 1970.

PIL

ENG, J.

Studies on the complement fixation test with Mycoplasma pneumoniae antigen. 5. Time pattern of not cell-bound antigen in broth culture.

Acta Pathol. Microbiol. Scand., Sect. B. Microbiol.

Immunol. 78(1):101-105, 1970.

PIL

ENGELBRECHT, J.C., and PURCHASE, I.F.H.

Changes in morphology of cell cultures after treatment with aflatoxin and ochratoxin.

S. Afr. Med. J. 48:524-528, 1969.

Index Vet. 37(3):62, 1969, publ. 1970.

PIL

FADEEVA, L.I., and others.*

Preparation and study of interferon.

Tr., Tsent. Inst. Usoversh. Vrachei No. 111: 304-310, 1968 (R.).

Chem. Abstr. 72(19):184(98632s), 1970.

*T.I. Balezina, N.I. Korabel'nikova, M.G. Bostandzhyan, G.A. Abadzhyan, and Z.V. Ermol'eva.

PIL

FISCHER, S.

Diagnostic cytology by an extended membrane filter technique.

In: Acta Pathol. Microbiol. Scand., Sect. A:Pathol., Suppl. No. 212, p. 33-37. Copenhagen, Munksgaard, 220 p., 1970.

PIL

- FORD, D.K., McCANDLISH, K.L., and GRONLUND, A.F.
Metabolism of ¹⁴C-urea by T-strain mycoplasma.
J. Bacteriol. 102(2):605-606, 1970. PII
- FURER, N.M., and others.*
Interferon formation.
Tr., Tsent. Inst. Usoversh. Vrachei No. 111:
288-292, 1968 (R.).
Che. Abstr. 72(19):184(98631r), 1970. PII
- *B.M. Nemirovskaya, S.L. Fainshtein, E.B. Tazulskhova,
N.F. Kalabukhova, N.A. Zhukovskaya, S.I. Rapoport,
L.A. Porubel, and Z.V. Ermol'eva.
- GINSBERG, A.
Meat hygiene in developing tropical and subtropical
countries.
Trop. Anim. Health Prod. 1(2):109-118, 1969. PII
- GOCKE, D.J., and HOWE, C.
Rapid detection of Australia antigen by
counterimmunoelectrophoresis.
J. Immunol. 104(4):1031-1032, 1970. PII
- GOCKE, D.J., GREENBERG, H.B., and KAVEY, N.B.
Correlation of Australia antigen with post-
transfusion hepatitis.
J. Amer. Med. Ass. 215(5):877-879, 1970. PII
- GOLDIE, J.H., and OSOBA, D.
Requirement of a nonproliferating class of cells for
generation of immune responses in cell culture.
Proc. Soc. Exp. Biol. Med. 133(4):1265-1269, 1970. PII
- GOLDMAN, M., and LESKOWITZ, S.
The specificity of tolerance induction in delayed.
hypersensitivity.
J. Immunol. 104(4):874-877, 1970. PII
- GREEN, J.F., THIELKE, K.G., and RAFFEL, S.
Univalent antigen as elicitor of anaphylactic reactions.
J. Immunol. 104(4):863-873, 1970. PII
- GREGORY, D.W.
A clamp to hold electron-microscope grids for shadowing.
J. Microsc. 89:233-236, 1969.
Index Vet. 37(3):87, 1969, publ. 1970. PII
- GUARDIA, J., BACARDI, R., and GRAS, J.
Australia antigen in Spain.
Lancet I(7654):1007, 1970. PII

GUST, I.D., and others.*

Virus-like particles in Australia-antigen-associated hepatitis.

Lancet I(7653):953, 1970.

*G. Cross, J. Kaldor, and A.A. Ferris.

PIL

HALPERN, M., and RUBIN, H.

Proteins released from chick embryo fibroblasts in culture. I. Partial characterization of the proteins.

Exp. Cell Res. 60(1):86-95, 1970.

PIL

HALPERN, M., and RUBIN, H.

Proteins released from chick embryo fibroblasts in culture. II. Studies on cells in different states of culture.

Exp. Cell Res. 60(1):96-102, 1970.

PIL

HANSEN, F.W., Jr.

Modern transportation as an instrument in the spread of livestock diseases.

["Increased air transportation of animals, man, and products increases the danger of introducing foreign disease. Carriers and containers are a potential risk, but play a minor role in the actual dissemination of disease." 7

J. Amer. Vet. Med. Ass. 156(9):1264(172), 1970.

PIL

HENNEY, C.S.

The specificity of the early immune response to dinitrophenylated human G-globulin.

Immunochemistry 7(3):275-287, 1970.

PIL

HORISBERGER, M., and AMOS, H.

Ribonucleic acid synthesis and transport in animal cells at 27° C.

Biochem. J. 117(2):347-353, 1970.

PIL

HUGH-JONES, M.E., and others.*

Veterinary investigation diagnosis analysis.

Vet. Rec. 84(12):304-307, 1969.

*D.W. Ivory, R.M. Loosmore, and J. Gibbins.

PIL

HUTTON, N.E., and others.*

A current-awareness system for veterinary medical literature.

Amer. J. Vet. Res. 31(5):929-935, 1970.

*V.A. Seaton, L.E. Anderson, C.R. Sage, and W.J. Watkins.

PIL

MISCELLANEOUS

IGARASHI, S.J., and PARANCHYCH, W.

In vitro protein synthesis directed by R17 viral ribonucleic acid.III. A new assay method for cell-free protein synthesis based on a phenylthiohydantoin procedure.

Can. J. Biochem. 48(4):438-443, 1970.

IVANYI, J.

Cytophilic antibodies in passive antibody induced immune suppression or enhancement.

Nature(London) 226(5245):550-551, 1970.

JACOBS, J.P., PERKINS, F.T., and FERREIRA, W.

Supplying cell cultures regularly to distant laboratories.

Bull. WHO 40(3):476-478, 1969.

JUNGWIRTH, C., HORAK, I., and BODO, G.

Interferon.

Zentralbl. Bakteriол., Parasitenk., Infektionskr.

Hyg. I. Abt. Orig. 212(2-4):370-374, 1970.

KARPAS, D.

Mycoplasma from ducks: isolation, characterization and classification.

Summary of Ph.D. Thesis, Cornell Univ., pp. 5, 1969.

Index Vet. 37(3):110, 1969, publ. 1970.

KAWARAI, Y., and NAKANE, P.K.

Localization of tissue antigens on the ultrathin sections with peroxidase-labeled antibody method.

J. Histochem. Cytochem. 18(3):161-166, 1970.

KEITH, G., and others.*

Conditions experimentales de l'inhibition de la synthese de l'ADN et de la formation des virions du virus vaccinal par un interferon partiellement purifie. (Experimental conditions of inhibition of DNA synthesis and formation of particles of the vaccinal virus by a partially purified interferon.)

English summary, p. 42.

Arch. Gesamte Virusforsch. 27(1):32-43, 1969.

*R. Peter, J. Guir, and A. Kirn.

KELTON, W.H., and MANDEL, M.

Deoxyribonucleic acid base compositions of mycoplasma strains of avian origin.

J. Gen. Microbiol. 56(2):131-135, 1969.

KENNY, G.E.

Serological comparison of ten glycolytic
Mycoplasma species.

J. Bacteriol. 98(3):1044-1055, 1969.

PIL

KENNY, G.E. COONEY, M.K., and THOMPSON, D.J.

Analysis of serum pooling schemes for identification
of large numbers of viruses.

Amer. J. Epidemiol. 91(4):439-445, 1970.

PIL

KISHIMOTO, S., TSUYUGUCHI, I., and YAMAMURA, Y.

Immune responses in aged mice.

Clin. Exp. Immunol. 5(5):525-530, 1969.

PIL

KONO, Y.

The enhancement of interferon production by endotoxin.

Arch. Gesamte Virusforsch. 27(1):23-31, 1969.

PIL

"
KROLL, J.

Comparison of the antibody content in polyvalent
antisera by an immunoelectrophoretic technique.

Scand. J. Clin. Lab. Invest. 23:227-230, 1969.

Index Vet. 37(3):116, 1969, publ. 1970.

PIL

"
KUNZEL, W., and MEISSNER, C.

The use of propiolactone in the preparation of
culture media for mycoplasma.

Pathol. Microbiol. 32:353-359, 1969 (G.e.).

Index Vet. 37(3):116, 1969, publ. 1970.

PIL

LACHMANN, P.J.

The immunochemistry of complement.

Proc. Roy. Soc. London Ser. B Biol. Sci. 173(1032):

371-376, 1969.

PIL

LACKOVIC, V., and BORECKY, L.

Release of an interferon-like virus inhibitor
during contact of mouse leukocytes with
target cells.

Acta Virol. 14(2):178, 1970.

PIL

LANE, D.R.

The sedation of cattle.

Vet. Rec. 86(12):358, 1970.

PIL

LANE-PETTER, W.

A ventilation barrier to the spread of infection
in laboratory animal colonies.

Lab. Anim. 4(1):125-134, 1970.

PIL

LOEWENSTEIN, W.R.

Intercellular communication.

/"The cells of living tissue act in concert in various ways. A newly observed pathway may allow signal molecules to travel from one cell interior to the next through special junctions in the cell membrane." 7

Sci. Amer. 222(5):78-86, 1970.

PIL

McCLATCHY, J.K.

Rapid method of microbial susceptibility testing.

Infec. Immun. 1(4):421-422, 1970.

PIL

McELHANEY, R.N., and TOURTELLOTT, M.E.

Mycoplasma membrane lipids: variations in fatty acid composition.

Science(Washington) 164(3878):421-424, 1969.

PIL

MacLENNAN, I.C.M., and HARDING, B.

The role of immunoglobulins in lymphocyte-mediated cell damage, in vitro. II. The mechanism of target cell damage by lymphoid cells from immunized rats.

Immunology 18(3):405-412, 1970.

PIL

MacLENNAN, I.C.M., LOEWI, G., and HARDING, B.

The role of immunoglobulins in lymphocyte-mediated cell damage, in vitro. I. Comparison of the effects of target cell specific antibody and normal serum factors on cellular damage by immune and non-immune lymphocytes.

Immunology 18(3):397-404, 1970.

PIL

MANCHEE, R.J., and TAYLOR-ROBINSON, D.

Utilization of neuraminic acid receptors by mycoplasmas.

J. Bacteriol. 98(3):914-919, 1969.

PIL

MANCINI, G., NASH, D.R., and HEREMANS, J.F.

Further studies on single radial immunodiffusion.

III. Qualitative analysis of related and unrelated antigens.

Immunochemistry 7(3):261-264, 1970.

PIL

MANDELSTAM, M., and FAUCONNIER, B.

Production d'interferon en milieu gelifié: son utilisation pour un test de neutralisation par le serum anti interferon. (Production of interferon in a gel medium. Its use as a test for neutralization by anti interferon serum.)

Pathol. Biol. 17(9-10):505-508, 1969.

Excerpta Med., Microbiol., Sect. B 23(3):124-125(650), 1970.

PIL

MANILOFF, J.

Ultrastructure of Mycoplasma laidlawii during culture development.

J. Bacteriol. 102(2):561-572, 1970.

PIL

MATESOVA, E., and others.*

Some properties of interferon released by mouse peritoneal leukocytes stimulated with endotoxin, mannan and Newcastle disease virus in vitro.

Acta Virol. 14(1):1-7, 1970.

*E. Butorova, V. Lackovic, and L. Borecky.

PIL

MATTHAEUS, W.

Die Ermittlung der relativen Beweglichkeit von Serumproteinen in der Agargelelektrophorese.

(The relative mobility of serum proteins in agar gel electrophoresis.)

English summary, p. 560-561.

Zentralbl. Veterinärmed., Reihe B 16(6):553-562, 1969.

PIL

MAZUR, P.

Cryobiology: the freezing of biological systems.

/"The responses of living cells to ice formation are of theoretical interest and practical concern." 7

Science(Washington) 168(3934):939-949, 1970.

PIL

MILLMAN, I., and others.*

The production of antibodies to Australia antigen in mouse ascites fluid.

Proc. Soc. Exp. Biol. Med. 133(4):1426-1431, 1970.

*J.F. Ziegenfuss, Jr., V.Raunio, W.T. London, A.I. Sutnick, and B.S. Blumberg.

PIL

MOLLISON, P.L.

Some functions of complement.

Proc. Roy. Soc. London Ser. B Biol. Sci. 173(1032): 377-381, 1969.

PIL

NASH, D.R., SCOLARI, L., and HEREMANS, J.F.

Further studies on single radial immunodiffusion.

IV. Quantitation of heterologous antigens by means of cross-reacting antisera.

Immunochemistry 7(3):265-274, 1970.

PIL

NOLTENIUS, H., and CHAHIN, M.

Antikörperbildung und Phagozytose: Funktion einer Zelle.

(Antibody formation and phagocytosis: function of a cell.)

English summary, p. 321.

Z. Immunitätsforsch. Allerg. Klin. Immunol. 139(3):312-322, 1970. PIL

- NOSSAL, G.J.V., and others.*
In vitro stimulation of antibody formation by
peritoneal cells I. Plaque technique of
high sensitivity enabling access to the cells.
J. Exp. Med. 131(5):894-916, 1970.
*A.E. Bussard, H. Lewis, and J.C. Mazie. PTL
- NYGAARD, G.S., BISSETT, M.L., and WOOD, R.M.
Laboratory identification of aeromonads from man
and other animals.
Appl. Microbiol. 19(4):618-620, 1970. PTL
- OKADA, H., KAWACHI, S., and NISHIOKA, K.
A new complement inhibitor in guinea pig serum.
Jap. J. Exp. Med. 39(5):527-531, 1969. PTL
- PLUTA, M.
A phase-contrast device with positive and negative
image contrast.
J. Microsc. 89:205-216, 1969.
Index Vet. 37(3):166, 1969, publ. 1970. PTL
- POKIDOVA, N.V., and others.*
Preparation and study of purified interferon compounds.
Tr., Tsent. Inst. Usoversh. Vrachei No. 111:
297-303, 1968 (R.).
Chem. Abstr. 72(19):173(98527m), 1970.
*B.Z. Cherches, N.M. Furer, G.A. Sapozhnikova,
S.L. Fainshtein, Z.V. Ermol'eva, and A.S. Khokhlov. PTL
- PRAKASAM, T.B.S., and DONDERO, N.C.
Aerobic heterotrophic bacterial populations of sewage
and activated sludge. IV. Adaptation of activated
sludge to utilization of aromatic compounds.
Appl. Microbiol. 19(4):663-670, 1970. PTL
- PRAKASAM, T.B.S., and DONDERO, N.C.
Aerobic heterotrophic bacterial populations of sewage
and activated sludge. V. Analysis of population
structure and activity.
Appl. Microbiol. 19(4):671-680, 1970. PTL
- RAZIN, S., and others.*
Role of glycolipids and phosphatidylglycerol in the
serological activity of Mycoplasma pneumoniae.
Infect. Immun. 1(4):408-416, 1970.
*B. Prescott, G. Caldes, W.D. James, and R.M. Chanock. PTL

REMINGTON, J.S., and MERIGAN, T.C.

Synthetic polyanions protect mice against intracellular bacterial infection.

Nature(London) 226(5243):361-363, 1970.

PIL

REYNOLDS, R.K., and HETRICK, F.M.

Potential use of surface-active agents for controlling Mycoplasma contamination in animal cell cultures.

Appl. Microbiol. 17(3):405-411, 1969.

PIL

ROBILLARD, P., and POTWOROWSKI, E.F.

Application of a mathematical decision rule to tissue typing.

Transplantation 9(2):137-142, 1970.

PIL

ROWDEN, G.

A method of obtaining stained electron-microscope specimens free from contamination.

J. Microsc. 89:229-231, 1969.

Index Vet. 37(3):181, 1969, publ. 1970.

PIL

ROWE, W.P., and others.*

Arenoviruses: proposed name for a newly defined virus group.

[The Lassa fever virus is included in this new virus group.]

J. Virol. 5(5):651-652, 1970.

*F.A. Murphy, G.H. Bergold, J. Casals, J. Hotchin, K.M. Johnson, F. Lehmann-Grube, C.A. Mims, E. Traub, and P.A. Webb.

PIL

ST. GEME, J.W., Jr., HERRIGAN, D.S., and TOYAMA, P.S.

The effect of 6-mercaptapurine on the synthesis and action of interferon.

Proc. Soc. Exp. Biol. Med. 130(3):852-855, 1969.

PIL

SCHAFER, T.W., and LOCKART, R.Z., Jr.

Interferon required for viral resistance induced by poly I·poly C.

Nature(London) 226(5244):449-450, 1970.

PIL

SHU, H.L., and TAN, T.P.

Induktion von endogenem Pyrogen und Interferon durch Newcastle Disease-Virus in vivo. (Induction of endogenous pyrogen and interferon by Newcastle disease virus in vivo.)

English summary, p. 287.

Arch. Gesamte Virusforsch. 29(4):287-294, 1970.

PIL

SIMON, H.J., and YIN, E.J.

Microbioassay of antimicrobial agents.

Appl. Microbiol. 19(4):573-579, 1970.

PIL

- SINGER, S.H., and others.*
Effect of mycoplasmas on vaccinia virus growth:
requirement for arginine.
Proc. Soc. Exp. Biol. Med. 133(4):1439-1442, 1970.
*E.A. Fitzgerald, M.F. Barile, and R.L. Kirschstein. PII
- SMITH, K.O., and GEHLE, W.D.
Pelleting viruses and virus-infected cells for
thin-section electron microscopy.
Proc. Soc. Exp. Biol. Med. 130(4):1117-1119, 1969. PII
- SOARES, L.A., and DE MOURA, M.F.
Action of the cell-attachment-and-growth factor
upon swine kidney cells in vitro.
Arq. Esc. Vet. Univ. Minas Gerais 19:95-99,
1967, publ. 1968 (Por.e.).
Index Vet. 37(3):197, 1969, publ. 1970. PII
- STANCEK, D., and PAUCKER, K.
Electrophoretic studies with L cell interferon
in polyacrylamide gels.
Acta Virol. 14(2):125-132, 1970. PII
- STEIN, A., and LOEBENSTEIN, G.
Induction of resistance to tobacco mosaic virus
by poly I-poly C in plants.
Nature(London) 226(5243):363-364, 1970. PII
- STERN, R., and FRIEDMAN, R.M.
Double-stranded RNA synthesized in animal cells
in the presence of actinomycin D.
Nature(London) 226(5246):612-616, 1970. PII
- SUSSDORF, D.H.
Dynamics of the 19S and 7S hemolysin responses in rabbits.
J. Infec. Dis. 121(5):545-549, 1970. PII
- TAKASUGI, M., and KLEIN, E.
A microassay for cell-mediated immunity.
Transplantation 9(3):219-227, 1970. PII
- TAUSSIG, M.J.
Bacteriophage linked assays for antibodies to protein antigens.
Immunology 18(3):323-330, 1970. PII
- VAZ, N.M., and LEVINE, B.B.
Immune responses of inbred mice to repeated low
doses of antigen: relationship to histo-
compatibility (H-2) type.
Science(Washington) 168(3933):852-854, 1970. PII

- VAZ, N.M. LEVINE, B.B., and OVARY, Z.
The nature of antigen-antibody complexes initiating
PCA reactions in the guinea pig.
Proc. Soc. Exp. Biol. Med. 133(4):1293-1296, 1970. PII
- WALSH, J.H., YALOW, R., and BERSON, S.A.
Detection of Australia antigen and antibody by
means of radioimmunoassay techniques.
J. Infec. Dis. 121(5):550-554, 1970. PII
- WARD-COX, I.S.
Incorporation of a macro-slide in the micro-
technique of immuno-electrophoresis.
J. S. Afr. Vet. Med. Ass. 40(1):91-92, 1969. PII
- WARD-COX, I.S., and others.*
A safety device for large scale electrophoresis.
J. S. Afr. Vet. Med. Ass. 40(1):95-96, 1969.
*A.M.G. Pretorius, H.E.S. Fouche, and T.G. Potgieter. PII
- WATERWORTH, P.M.
The action of light on culture media.
J. Clin. Pathol. 22:273-277, 1969.
Index Vet. 37(3):226, 1969, publ. 1970. PII
- WEETALL, H.H.
Preparation and characterization of antigen and antibody
adsorbents covalently coupled to an inorganic carrier.
Biochem. J. 117(2):257-261, 1970. PII
- WHANG, H.Y., and NETER, E.
Antigen-associated immunosuppressant; effect of
serum on immune response.
Science(Washington) 163(3864):290-291, 1969. PII
- WILLEMS, F.Th.C., KUNST, V.A.J.M., and ROSIER, J.G.M.C.
Complement-fixation test for Australia antigen.
Lancet I(7653):953, 1970. PII
- WONG, K.H., PICKETT, M.J., and FROMAN, S.
Antigens of mycobacterial cell walls.
Infect. Immun. 1(4):400-407, 1970. PII
- YIN, E., McKENNA, J.M., and MUSACCHIA, X.J.
Hypothermia, radiation, and the immune response.
Proc. Soc. Exp. Biol. Med. 133(4):1207-1211, 1970. PII
- ZEITLENOK, N.A., ROIKHEL, V.M., and GORBACHKOVA, E.A.
Mechanism of the action of DL-19-NOR-D-HOMO testo sterone
on the formation of interferon in a cellular culture.
Byull. Eksp. Biol. Med. 69(3):108-110, 1970.
Chem. Titles No. 9:146-147(BEEMAE 108), 1970. PII

